

# NCDOT ROADWAY PLAN PREPARATION

## CHAPTER 5 : ROADWAY CADD SUPPORT RESOURCES

### Overview

There are many listed resources available to aid you in troubleshooting any CADD related issues. In the words of the caveman “How about doing a little research next time?” in order to see what help is available. Check with your Cadd Representative; if you still don’t have an answer open the Roadway Database and send us a Request Form and we will be glad to help you out.

### CADD Video Tutorial List

The following is a list of Video tutorials available for your use:

1. Workspace Update & Existing Ground x-sections
2. X-Section Layout (XPL)
3. Iplot organizer – XSEC
4. NCDOT seals on PHM
5. Microstation UPF Creation
6. RD\_AutoXD
7. Referencing - Basic
8. Referencing – Interactive Models
9. Referencing – Live Nesting
10. RD\_Grid
11. Limits of Constructions
12. Limits of Construction (Plan Labeler)
13. Profiles Exist & Prop Layout
14. Backup Netscape Email
15. Design File Generator
16. Mapdrive Fix
17. Pdf Creation with Microstation

**Note:**

We are continually working on updating and creating other video tutorials. The information contained within these video tutorials is current as of the time they were created.

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## Roadway Website Help Tools

### Roadway Q & A Forum

HOME » Q&A

**Roadway Design Question and Answer Forum**

There are more [Q&A](#) at NCDOT's IT CADD Page

Geopak Questions	<a href="#">View Q&amp;A</a>
Criteria Questions	<a href="#">View Q&amp;A</a>
MicroStation Questions	<a href="#">View Q&amp;A</a>
Plotting Questions	<a href="#">View Q&amp;A</a>
Hearing Map Questions	<a href="#">View Q&amp;A</a>
General Questions	<a href="#">View Q&amp;A</a>



## ROADWAY WEBSITE

» SITE MAP	
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Whats New (Roadway)	←
DOT Directory	
STaRS (formerly PMii)	
DOT FTS	
Manuals, Standards, Checklist	
NCDOT TIP	
Memos & Minutes	
Criteria Files	←
Roadway Dictionary	
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Software Versions	
Internal Use Only	
Calendar & Email	

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**A**

Applications (Roadway Design)

- [Model Navigator \(VBA\)](#)
- [RD AutoXD](#)
- [Sheet North Arrow Placement](#)

### Criteria Files

HOME » CADD Standards

**MicroStation V8 Updates and Standards:**

V8 Criteria Files **Updated 04/05/07** (Unzip files and map to L: drive. Read Change Log for Recent Updates)

V7 Criteria Files (Unzip files and map to M: drive.)

Criteria 2000 Manual

Sample Input Files

Text Standards

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## Roadway User Database Request Forms

### Roadway User Database General Information

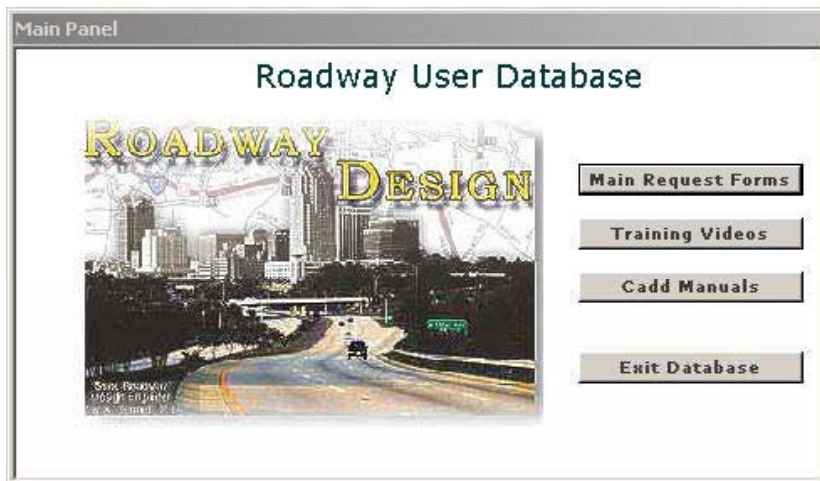


Desktop Shortcut

The RdyUser database is in the first beta testing phase with four design squads currently reviewing the product. We expect to have the next beta version ready for testing within all of the Roadway Design unit by the end of these class sessions and hopefully in full production by the end of June 2007.



Roadway Database



Main Panel



Roadway Support Request Panel

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## CADD Request Form

The screenshot shows a window titled "Cadd Request" with a subtitle "Cadd Request Form / Cadd Software Only". The form contains several input fields and buttons. On the left, there are dropdown menus for "User" (set to "Douglas") and "Cadd Product:" (set to "Microstation"), and text boxes for "TIP Number" (u2547), "Units" (English), "File Name" (u2547\_rdy\_xsc\_y.dgn), "File Location" (R:\Roadway\XSC), "GPK File Name" (jobrdy.gpk), and "GPK File Location" (R:\Gpk). On the right, there are two boxes for entering the current date (5/25/2007) and time (4:11:45 PM), each with a "Click Box Below to Enter Current" instruction. Below these is a "Comments" text area containing "Gutter not showing on x-sections". At the bottom right are "Submit" and "Close" buttons.

User	Douglas
Cadd Product:	Microstation
TIP Number	u2547
Units	English
File Name	u2547_rdy_xsc_y.dgn
File Location	R:\Roadway\XSC
GPK File Name	jobrdy.gpk
GPK File Location	R:\Gpk
Comments	Gutter not showing on x-sections

## Software Request Form

The screenshot shows a window titled "Software Request / Non-Cadd" with a subtitle "Software Request Form". The form contains input fields for "User" (Douglas), "Software Package" (Netscape Email), "File Name", and "File Location". On the right, there are two boxes for entering the current date (5/25/2007) and time (3:45:32 PM), each with a "Click in Box Below to Enter Current" instruction. Below these is a "Comments: User" text area containing "Getting message saying Quota has been exceeded". At the bottom right are "Submit" and "Close" buttons.

User	Douglas
Software Package	Netscape Email
File Name	
File Location	
Comments: User	Getting message saying Quota has been exceeded



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## Hardware Request Form

The screenshot shows a window titled "Hardware Request" with a sub-header "Hardware Request Form". It contains several input fields: "User" with a dropdown menu showing "Douglas", "Hardware Details" with a dropdown menu showing "Mouse", "Click in Box Below to Enter Current Date" with a text box containing "5/25/2007", and "Click in Box Below to Enter Current Time" with a text box containing "4:06:30 PM". There is a "Comments" text area with the text "My mouse is acting erratic." and two buttons at the bottom: "Submit" and "Close".

## Plot Request Form

The screenshot shows a window titled "Plot Request" with a sub-header "Plot Request Form". It contains several input fields and checkboxes: "User" with a dropdown menu showing "Douglas", "TIP Number" with a text box containing "U2547", "File Name" with a text box containing "u2547\_rdy\_phm\_alt\_1.dgn", "File Location" with a text box containing "R:\Roadway\HearingMaps", "Units" with a dropdown menu showing "English", "Plot Type" with a dropdown menu showing "PHM", "Plot Scale" with a dropdown menu showing "Full Size", "Quantity" with a text box containing "1", and "Custom Design Script Path?" with an empty text box. On the right side, there are four checkboxes: "Create PDF from DGN?" (unchecked), "Create IPS?" (unchecked), "External Request" (unchecked), and "Burn CD and Add To Web Site?" (checked). Below these are two text boxes for "Click in Box Below to Enter Current Date" (containing "5/25/2007") and "Click in Box Below to Enter Current Time:" (containing "4:14:02 PM"). There is a "Comments" text area with the text "This is my final plot" and two buttons at the bottom: "Submit" and "Close".



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## Tip Folders Request Form

The screenshot shows a Windows-style application window titled "Tip Folder Request". Inside, the form is titled "Tip Folder Request Form". It contains several input fields and buttons. The "User" field is a dropdown menu showing "Douglas". To the right, there are two boxes for date and time entry, both containing "5/25/2007" and "3:57:47 PM" respectively. The "TIP Folder Action" is a dropdown menu showing "Restore From Daily Backu". Below it, "TIP Folder Name" is "u2547\_rdy\_typ.dgn" and "TIP Folder Location" is "R:\Roadway\Proj". A "Restore From Date" field shows "5/23/2007" with a "Sample Date: 01/01/2000" label below it. A "Comments: User" text area contains "Thank you". At the bottom right are "Submit" and "Close" buttons.

User	Douglas
TIP Folder Action	Restore From Daily Backu
TIP Folder Name	u2547_rdy_typ.dgn
TIP Folder Location	R:\Roadway\Proj
Restore From Date	5/23/2007
Sample Date	01/01/2000
Current Date	5/25/2007
Current Time	3:57:47 PM
Comments: User	Thank you

## Employee Request Form

The screenshot shows a Windows-style application window titled "frmRequestRdyEmployees". Inside, the form is titled "Employee Change Request Form". It contains several input fields and buttons. The "User" field is a dropdown menu showing "McMellon". Below it, there are fields for "New Employee ID" (1509999), "New Employee Last Name" (smith), "New Employee First Name" (steve), "New Employee MI" (s), "New Employee Nick Name" (superstar), "New Employee Email" (slsmith), "New Employee Job Class" (TE I), "New Employee Functional Group" (RD10), "New Employee Status" (tea), and "New Employee Registration" (15266330). To the right, there are two boxes for date and time entry, both containing "5/25/2007" and "4:02:47 PM" respectively. A "Comments" text area contains "RD10". At the bottom right are "Submit" and "Close" buttons.

User	McMellon
New Employee ID	1509999
New Employee Last Name	smith
New Employee First Name	steve
New Employee MI	s
New Employee Nick Name	superstar
New Employee Email	slsmith
New Employee Job Class	TE I
New Employee Functional Group	RD10
New Employee Status	tea
New Employee Registration	15266330
Current Date	5/25/2007
Current Time	4:02:47 PM
Comments	RD10